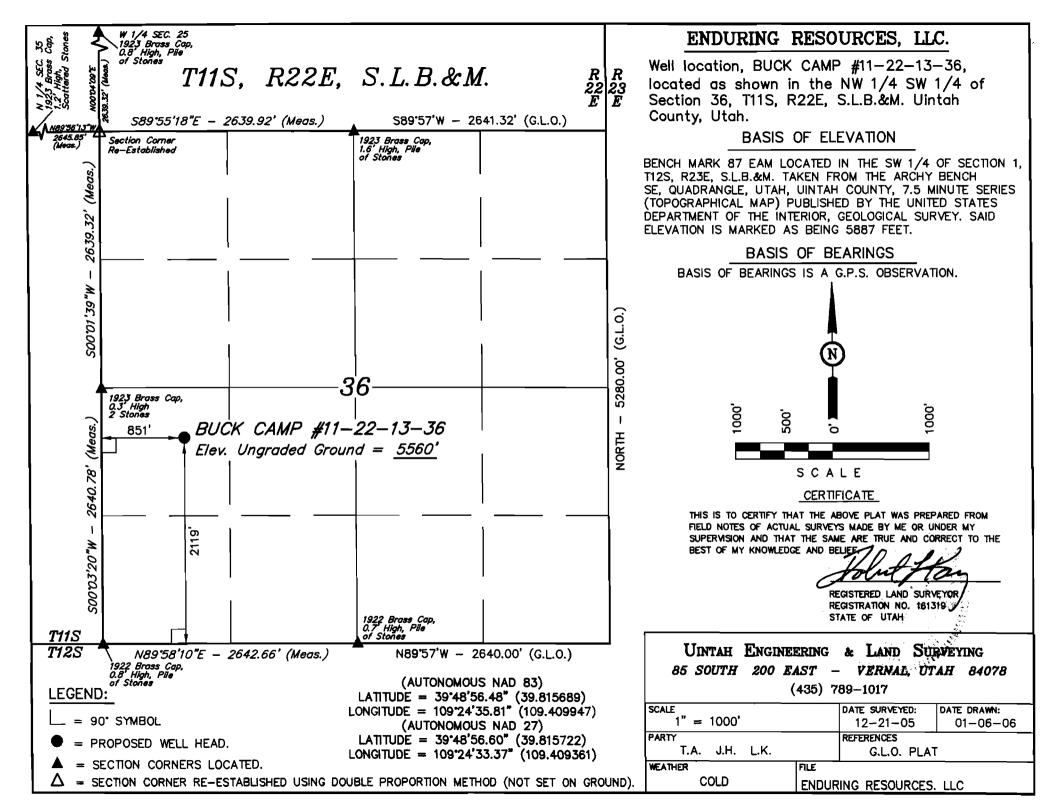
### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT (highlight changes)

APPLICATION FOR PERMIT TO DRILL						5. MINERAL LEASE NO:	6. SURFACE: State		
1A. TYPE OF W	1A. TYPE OF WORK: DRILL V REENTER DEEPEN D							7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		_		_		[7]	8. UNIT or CA AGREEMEN	T NAME:	
B. TYPE OF WE		GAS 🗸 C	OTHER	SIN	GLE ZONE MULTIPLE ZON	1E [Z]		_	
2. NAME OF OPI		LLC					9. WELL NAME and NUMB Buck Camp 11-2		
3. ADDRESS OF	OPERATOR:			-	PHONE NUMBER:		10. FIELD AND POOL, OR		
		0 <sub>ლ⊾</sub> Denve		ATE CO SIE 80			Undesignated		
4. LOCATION OF	•		63615	3 x 440 p3	114 39.515 686		11. QTR/QTR, SECTION, T MERIDIAN:	OWNSHIP, RANGE,	
AT SURFACE:	21	119' FSL - 851		NWSW			NWSW 36 1	IS 22E S	
AT PROPOSED	PRODUCING Z	ONE:	SAME	Ē	101.401740	'			
14. DISTANCE IN	MILES AND DIR	ECTION FROM NEAR	EST TOWN OR PO	OST OFFICE:			12. COUNTY:	13. STATE:	
79 miles	from Verna	al, Utah					Uintah	UTAH	
15. DISTANCE TO	O NEAREST PRO	PERTY OR LEASE LIN	NE (FEET)	16. NUMBER O	F ACRES IN LEASE:	17. NI	IMBER OF ACRES ASSIGNE	D TO THIS WELL:	
851'					320			40 acres	
	O NEAREST WEL	L (DRILLING, COMPLI	ETED, OR	19. PROPOSED	DEPTH:	20. BC	OND DESCRIPTION:		
	HL (surface				7,290	RL	B0008031		
21. ELEVATIONS	(SHOW WHETH	ER DF, RT, GR, ETC.):	:	22. APPROXIM	ATE DATE WORK WILL START:	23. ES	STIMATED DURATION:		
5573' K	B-RT			4/1/2006	3	20	days		
24.			PROPOS	SED CASING A	ND CEMENTING PROGRAM				
SIZE OF HOLE	CASING SIZE	, GRADE, AND WEIGH	IT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUA	ANTITY,	YIELD, AND SLURRY WEIGH	<u>tr</u>	
20"	14"	line pipe		40	3 yards	Read	y Mix		
11"	8-5/8"	J-55	24#	2,000	Premium Lead	13	8 sxs 3.5	0 11.1	
			-		Premium Tail	13	8 sxs 1.1	5 15.8	
7-7/8"	4-1/2"	N-80	11.6#	7,290	Class G	4	5 sxs 3.	.3 11.0	
					50/50 Poz Class G	92	6 sxs 1.5	6 14.3	
	LCON	-IDFNTI,	lack						
25.	••••	1021111	16	ATTA	CHMENTS				
VERIFY THE FOL	LOWING ARE AT	TACHED IN ACCORDA	ANCE WITH THE	UTAH OIL AND GAS CO	DNSERVATION GENERAL RULES:				
Z WELL PL	AT OR MAP PREI	PARED BY LICENSED	SURVEYOR OR E	ENGINEER	COMPLETE DRILLING PLAN				
	E OE DIVISION C	OF WATER RIGHTS AF	DEPOVAL FOR HE	SE OF WATER	FORM 5, IF OPERATOR IS PE	DSONI O	P COMPANY OTHER THAN	THE LEASE OWNER	
EVIDENC	E OF DIVISION C	OF WATER RIGHTS AF	PROVAL FOR US	SE OF WATER	FORM 5, IF OPERATOR IS FEL	KSON O	R COMPANY OTHER TIAN	THE LEASE OWNER	
			_						
NAME (PLEASE F	PRINT) Alvin	R. (Al) Arlian			TITLE Landman - Re	gulato	ory Specialist		
SIGNATURE		1/1.	A.	2	DATE 2/24/2006				
(This space for Stat	e use only)								
	4	3-047-3-	10 :-						
API NUMBER ASS	SIGNED:	<u> </u>	1833		APPROVAL:				



### ENDURING RESOURCES. LLC

425 Seventeenth Street, Suite 1500 Denver, Colorado 80202

Telephone:

303-573-1222

Facsimile:

303-573-0461

February 24, 2006

State of Utah Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

Attention:

Ms. Diana Whitney

RE:

**Request for Exception Well Location** 

Buck Camp 11-22-13-36 NWSW Sec. 36-T11S-R22E 2119 FSL - 851' FWL

Lease #ML 47077 **Uintah County, Utah**  **Buck Camp 11-22-23-36** 

Surface: NWSW Sec. 36-T11S-R22E

2118' FNL - 876' FWL

BHL: NENW Section 36-T11S-R22E

1,980' FSL - 1,980' FWL

Lease #ML 47077 **Uintah County. Utah** 

Dear Ms. Whitney:

Enduring Resources, LLC ("ERLLC") is the only leasehold interest owner within 460 feet of any part of the above-referenced proposed wells' proposed well bores.

- 1. The Buck Camp 11-22-13-36 is a vertical well,
- 2. The Buck Camp 11-22-32-36 is a directional well to be drilled from the Buck Camp 11-22-13-36 well pad, and
- The subject wells' surface locations are only 25 feet apart. 3.

ERLLC is the only leasehold interest owner within the W/2 of Sec 36, therefore,

- ERLLC grants itself permission to directionally drill the Buck Camp 11-22-32-36, A. and
- В. ERLLC also grants itself permission for exception well(s)' surface locations.

In the event there are any other outstanding matters preventing these APD's from being please let me know at your earliest convenience, 303-350-5114 approved. (aarlian@enduringresources.com).

Very truly yours

**ENDURING RESOURCES, LLC** 

Alvin R. (Al) Arlian

CAMO

Landman - Regulatory Specialist

FEB 2 7 2006

From Un

DEVICE CONTRACTOR

### ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500 Denver, Colorado 80202 Telephone: 303-573-1222

Facsimile: 303-573-0461

February 24, 2006

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt lake City, Utah 84114-5801

Attention:

Diana Whitney

RE:

Buck Camp 11-22-13-36 NWSW Sec. 36-T11S-R22E Uintah County, Utah

Lease #: ML-47077

Dear Ms. Whitney

Attached are two original applications to drill for the above-referenced proposed well. This well will be drilled on State of Utah lands. A copy of this APD is being sent to SITLA. Access into this section is using an existing County Road.

Enduring Resources, LLC respectfully requests that this information, and future information, be held confidential.

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

**ENDURING RESOURCES, LLC** 

Chl. Co

Alvin R. (Al) Arlian

Landman – Regulatory Specialist

ara/

Attachments as stated:

cc:

SITLA

FEB 2 7 2006

DY CACLA CALLERY

### **Enduring Resources, LLC**

Buck Camp 11-22-13-36 2119' FSL – 851' FWL NWSW Sec. 36-T11S-R22E Uintah County, Utah

Lease #: ML-47077

### **ONSHORE ORDER 1 - DRILLING PLAN**

### 1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	339'
Wasatch	2616'
Mesaverde	3788'

### 2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5573' est.	
Oil / Gas	Green River	339'
Oil /Gas	Wasatch	2616'
Oil /Gas	Mesaverde	3788'
	TD	7290'

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

### 3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

### **Blow-Out Preventer**

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

### E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

### 4. **Proposed Casing & Cementing Program:**

### A. Casing Program: All New

Hole	Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
						(MD)
2	0"	14" O.D.				40' (GL)
1	1"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7	7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 7,290' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

### B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
7290' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.68 (d)	7780/2.23 (e)	223/3.07 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

### PROPOSED CEMENTING PROGRAM

### Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC <sub>2</sub> + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft<sup>3</sup>/sx) cement will be premium cement w/ 3% CaCl<sub>2</sub> + 0.25 pps celloflake. Volume as required

### Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl <sub>2</sub> + 0.25 pps celloflake	As Req.		15.8	1.15

### Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT.	CEMENT TYPE	SXS	EXCESS	WEIGHT	YIELD
		of			(%)	(ppg)	(ft <sup>3</sup> /sx)
		FILL					
			Class "G" + 5% NaCl				
4-1/2"	Lead	500	+ 12% Gel + 0.25	45	25	11.0	3.3
			pps celloflake + 0.2%				
			antifoam + 0.25%				
			fluid loss +				
			1% extender				
			50/50 POZ Class G +				
4-1/2"	Tail	5074	2% gel +1% CaCl <sub>2</sub>	926	25	14.3	1.56
			+ 0.2% dispersant				
			+ 0.2% fluid loss				
			+ 0.1% antifoam				

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

### 5. **Drilling Fluids (mud) Program:**

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-7290' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

### 6. <u>Evaluation Program:</u>

Tests:

No tests are currently planned.

Coring:

No cores are currently planned.

Samples:

No sampling is currently planned.

### Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
   TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

### 7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No  $H_2S$  has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 3,791 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,187 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

### 8. Anticipated Starting Dates:

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

### 9. <u>Variances:</u>

None anticipated

### 10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

# ENDURING RESOURCES, LLC. BUCK CAMP #11-22-13-36 & 11-22-23D-36 SECTION 36, TI IS, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88: EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY. UTAH: PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 11.2 MILES ALONG THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY. THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #11-22-21-36 & #11-22-23D-36 TO THE SOUTHEAST: FOLLOW ROAD FLAGS IN A SOUTHEASTERLY. THEN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE TO THE SOUTHWEST; FOLLOW ROAD FLAGSIN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 69.2 MILES.

### **Enduring Resources, LLC**

Buck Camp 11-22-13-36 2119' FSL – 851' FWL NWSW Sec. 36-T11S-R22E Uintah County, Utah Lease #: ML-47077

### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

### 1. Existing Roads:

Directions to the Buck Camp 11-22-13-36 Well:

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, SOUTHEASTERLY. SOUTHWESTERLY THEN APPROXIMATELY 11.2 MILES ALONG THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY. THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #11-22-21-36 & #11-22-23D-36 TO THE SOUTHEAST: FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE TO THE SOUTHWEST: FOLLOW ROAD FLAGSIN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 79.2 MILES.

### 2. Planned Access Roads:

The proposed access road will be approximately 1.00 mile of new construction all onlease.

ALL NEW CONSTRUCTION IS ON SITLA LANDS. The balance of the ON-LEASE road is an existing Class D County Road. However, this County Road Class D Road will be improved to meet SITLA (and DOG&M) requirements, if needed. Please refer to

Topo Map "B" for the takeoff point for the new road construction and the Class D County Road that will be improved.

No off-lease access road right-of-way is needed.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

## 3. <u>Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):</u>

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

a. None:

Water Wells:

b. None:

Injection Wells:

c. (3):

**Producing Wells:** 

i. Buck Camp 4-36, NWNW Sec. 36-11S-22E nka Buck Camp 11-22-11-36

- ii. Buck Camp 2-2, NWNE Sec. 2-11S-22E nka Buck Camp 12-22-31-2
- iii. Buck Camp 2-7, SWNE Sec. 2-11S-22E (our records show this well never drilled)
- d. None: Drilling Wells:
- e. None: Shut-in Wells:
- f. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. None: Abandoned Wells:
- i. None: Dry Holes:
- j. None: Observation Wells:
- k. Various: Pending (staked) Wells:
  - i. Various wells staked by Enduring in Sec. 36-11S-22E

### 4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline for this well will be:

1,140' 3" Surface Pipeline On-Lease SITLA -0- Off-Lease N/A

A 3" surface pipeline will be constructed along the well access road.

If this well is capable of economic production, a 3" steel surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 1,140 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (east, then west) to tie-in to a steel surface pipeline that is being (has been) constructed to Canyon Gas along the County Road. The proposed pipeline to the #4-36 well shown on the plats has now been constructed.

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

### 5. <u>Location and Type of Water Supply:</u>

Whenever feasible, water for drilling shall be acquired from Enduring Water User Claim 49-2215, Application #T76132., or if that source is not feasible, then by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496.

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

### **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized fro location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

### 7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

### 8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

### 9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

### 10. Plans for Surface Reclamation:

### **Producing Location:**

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

### **Dry Hole/Abandoned Location:**

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

### **Seed Mixture for Windrowed Top Soil Will Included:**

To be provided by the SITLA.

### 11. <u>Surface Ownership: Location, Access and Pipeline Route</u>:

Wellsite: SITLA

Access: SITLA

Pipeline: SITLA

### 12. Other Information

### On-site Inspection for Location, Access and Pipeline Route:

The on-site will be scheduled by SITLA and DOG&M.

### **Special Conditions of Approval:**

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Surface Gathering Pipeline shall be 3" or less.

### Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

### Paleontology:

a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

### 13, Lessee's or Operator's Representatives:

### Representatives:

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17<sup>th</sup> Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461

aarlian@enduringresources.com

Frank Hutto
Vice President – Operations
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475 17<sup>th</sup> Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5102
Fax Tel: 303-573-0461
fhutto@enduringresources.com

# ENDURING RESOURCES, LLC.

BUCK CAMP #11-22-13-36 & 11-22-23D-36

LOCATED IN UINTAH COUNTY, UTAH SECTION 36, T11S, R22E, S.L.B.&M.

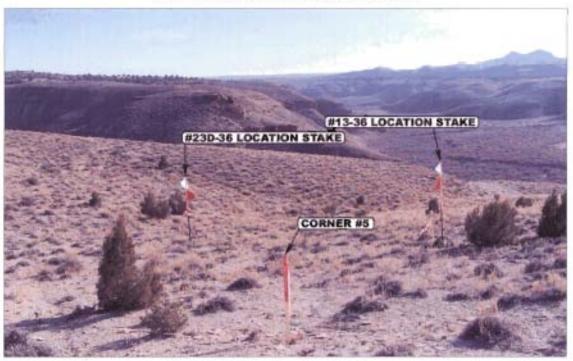


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

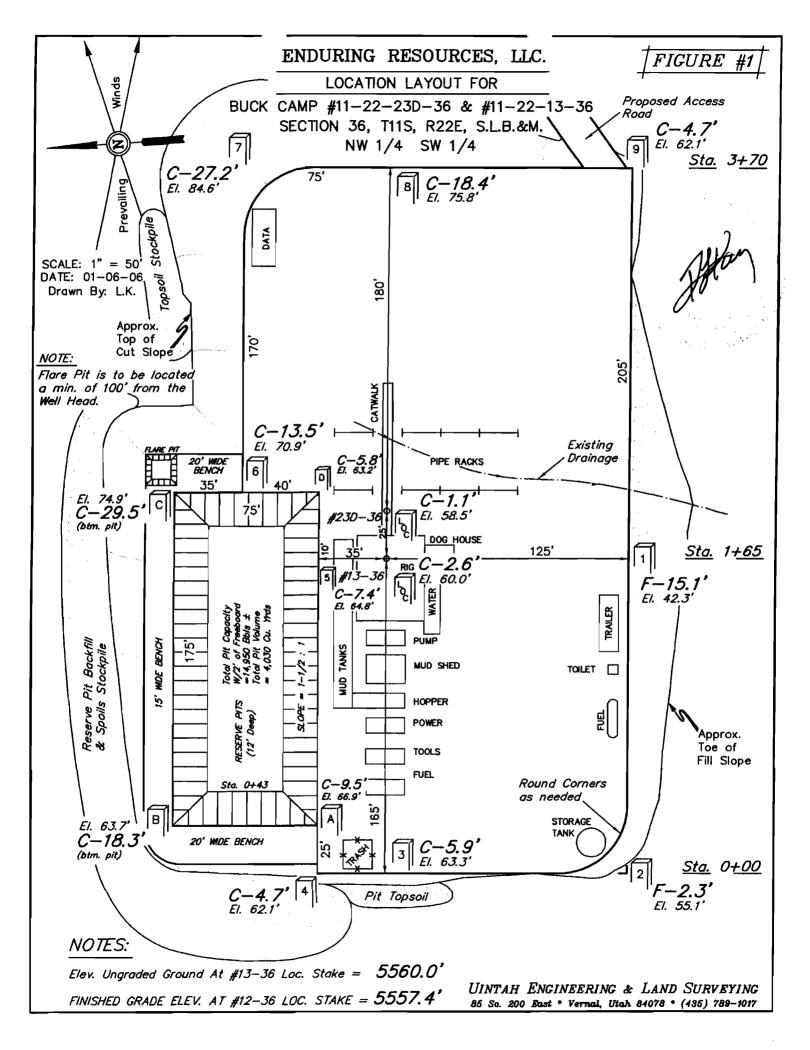


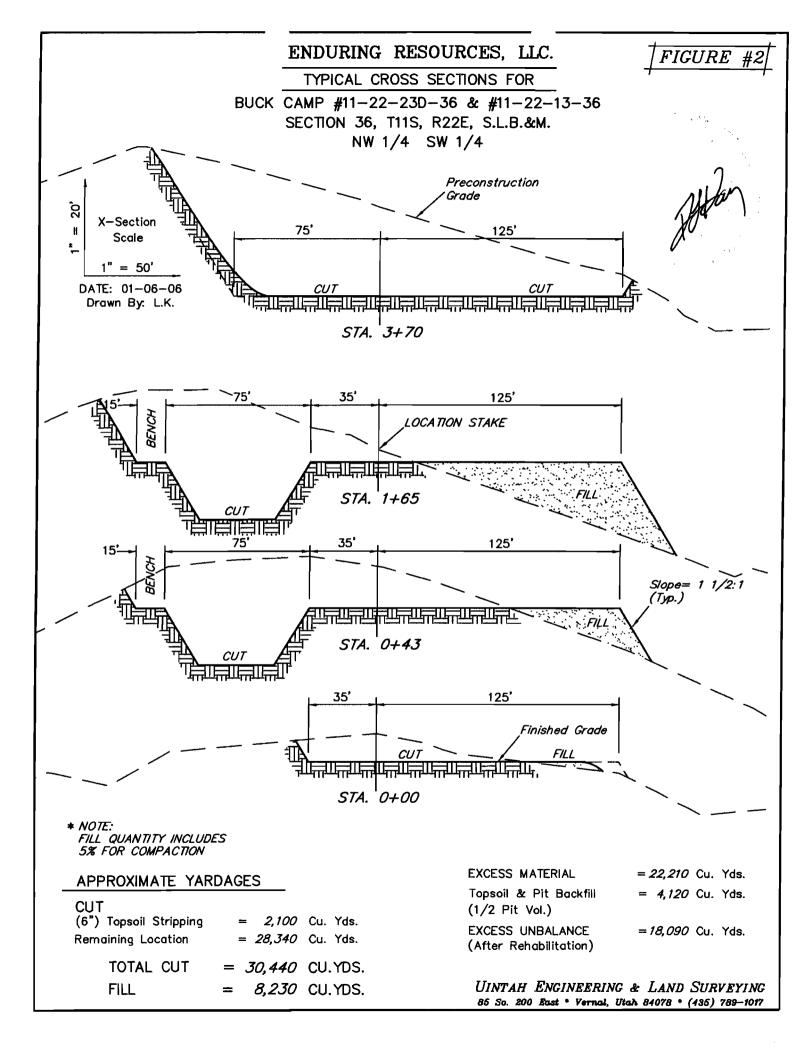
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

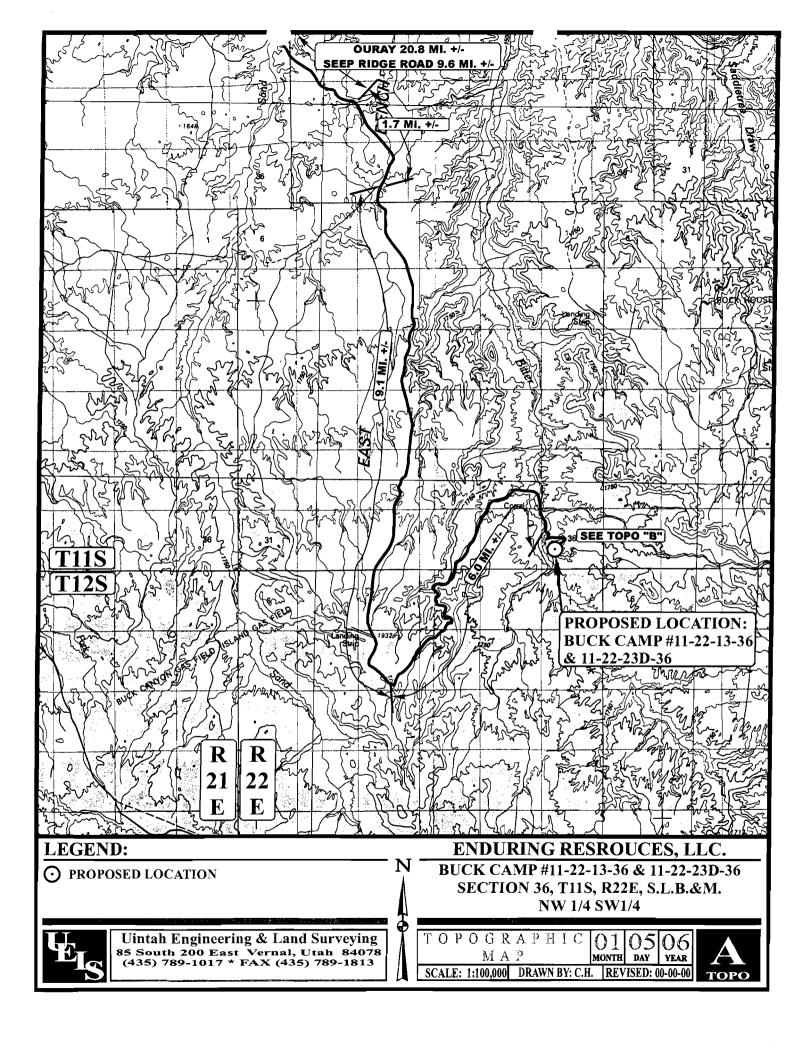
CAMERA ANGLE: SOUTHWESTERLY

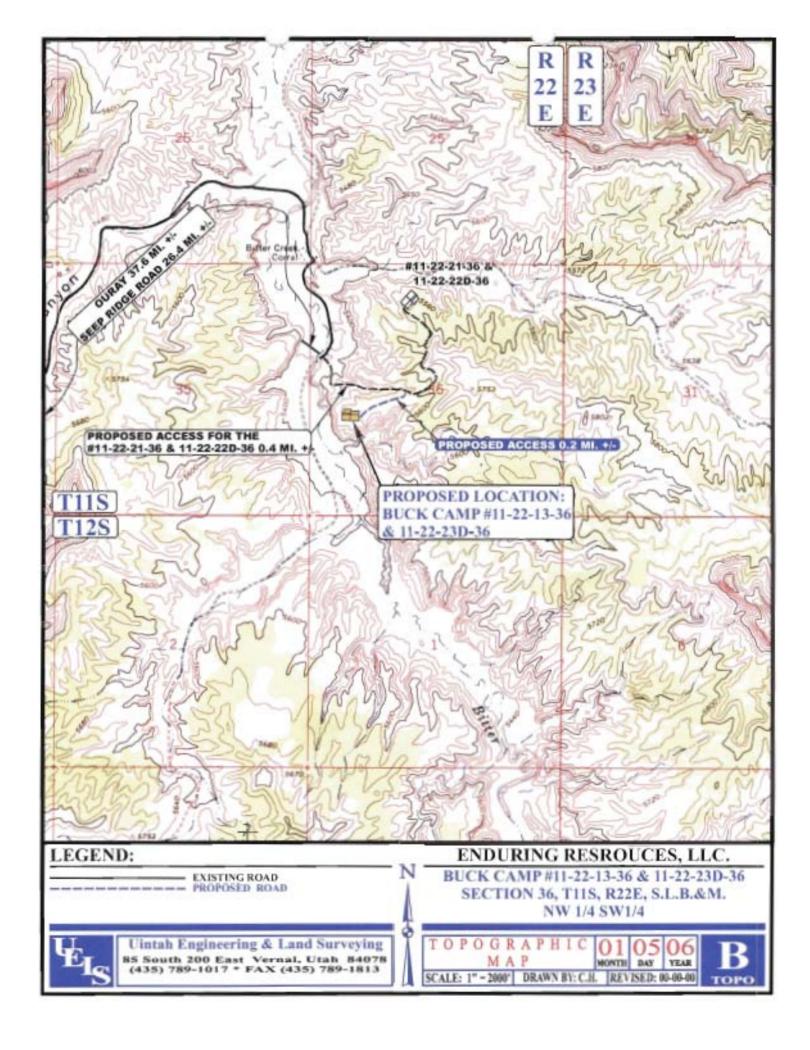


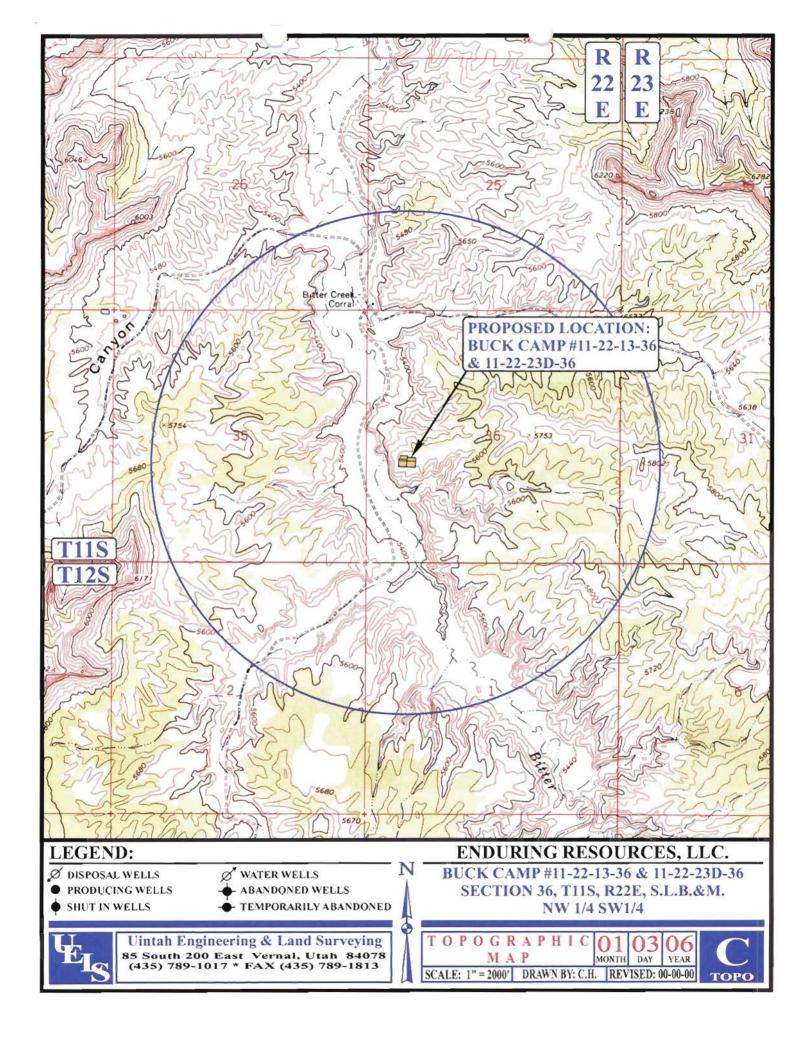


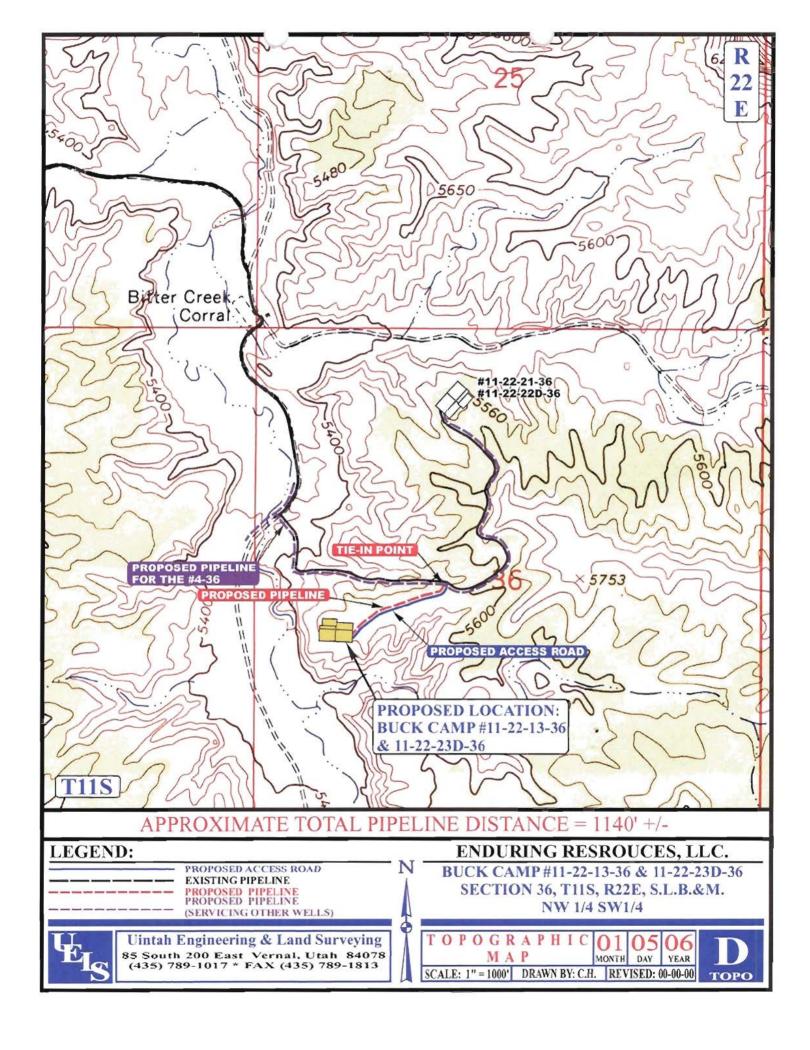




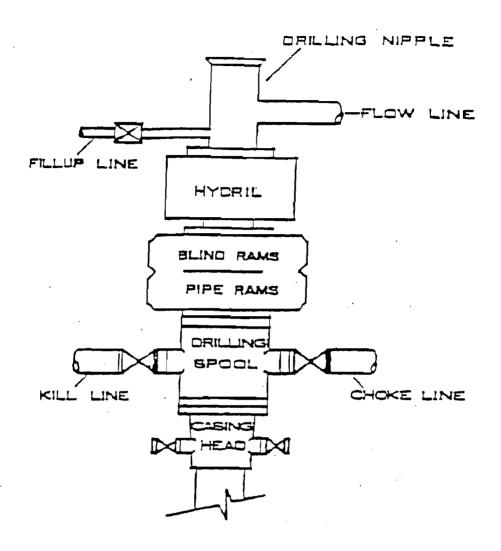


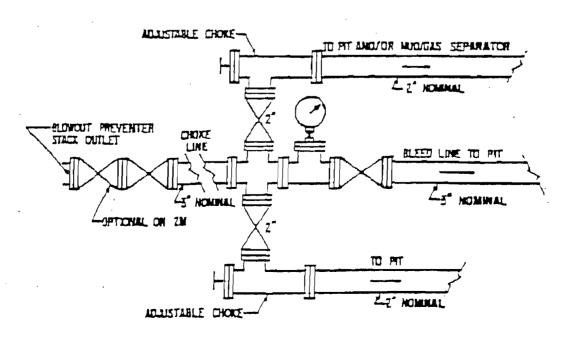






### BOP STACK





### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47077
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	n/a 7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	n/a 8. WELL NAME and NUMBER:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	Buck Camp 11-22-13-36
2. NAME OF OPERATOR:	9. API NUMBER: 4304737835
Enduring Resources, LLC  3. ADDRESS OF OPERATOR:  (202) 250 5710	10. FIELD AND POOL, OR WILDCAT:
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 (303) 350-57 19	Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2119' FSL - 851' FWL	соилту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 11S 22E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT  ACIDIZE  DEEPEN  PRACTURE TREAT	SIDETRACK TO REPAIR WELL
(Submit in Duplicate)  Approximate date work will start:  CASING FRACTORE TREAT  NEW CONSTRUCTION	TEMPORARILY ABANDON
Approximate date work will state.  CHANGE TO PREVIOUS PLANS  OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: Request for APD  Extension
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIO	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu	ımes, etc.
	. Audientian for Bormit to Drill
Enduring Resources, LLC respectfully request an extension to the expiration date of the	his Application for Fermit to Dilli
FROM: 5/3/2008 Approved by the	
TO: 5/3/2009 Utah Division of	
Oil, Gas and Mining	
Date: 05-05-18	
COPY SENT TO OPERATOR	$\cup$
Date: 5.6.2008	
Initials: KS	
NAME (PLEASE PRINT) Alvin R. (AI) Arlian Landman - Re	gulatory Specialist
4/30/2008	
SIGNATURE DATE 4/30/2000	

(This space for State use only)

RECEIVED MAY 0 5 2008



### Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304737835  Well Name: Buck Camp 11-22-13-36  Location: 2119' FSL - 851' FWL, NWSW, Sec 36, T11S-R22E  Company Permit Issued to: Enduring Resources, LLC  Date Original Permit Issued: 5/8/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No □
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
Signature  Date  Title: Landman - Regulatory Specialist
Representing: Enduring Resources, LLC
PECEIVED

MAY 0 5 2008

DIV OF OIL, GAS & MINING



### State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 14, 2009

Enduring Resources, LLC 475 17<sup>TH</sup> Street, Suite 1500 Denver, CO 80202

Re: <u>APD Rescinded – Buck Camp 11-22-13-36, Sec.36, T.11S, R.22E</u>

Uintah County, Utah API No. 43-047-37835

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on May 8, 2006. On May 3, 2007 and on May 5, 2008 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective May 14, 2009.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Masor

**Environmental Scientist** 

cc:

Well File

Ed Bonner, SITLA

